

In the Claims:

1. (currently amended) A generally rectangular reaction cuvette comprising mutually opposing front and back walls connected by a pair of mutually opposing side walls, the opposing front and back walls having planar parallel optical windows formed therein, the cuvette having a closed bottom portion and an open top portion, the cuvette further comprising anti-wicking wall fillets blending between the inner corner intersections between the front and back walls and the pair of side walls.
2. (previously presented) The cuvette of claim 1 wherein the anti-wicking wall fillets are curvilinear tapers forming a variable blend radius between the inner corner intersections between the front and back walls and the pair of side walls.
3. (currently amended) The cuvette of claim 2 wherein the anti-wicking wall fillets extend from the open top portion section into the lower portion section.
4. (previously presented) The cuvette of claim 2 wherein the variable blend radius of curvature of each anti-wicking wall transition fillet gradually increases from the lower section to the top inner section by about a factor of three to five.
5. (currently amended) The cuvette of claim 1 wherein ~~the front wall and back wall are provided with integrally formed planar parallel~~ the optical windows have having outer and inner surfaces of optical flatness equal to about one wave.
6. (previously presented) The cuvette of claim 1 wherein the uppermost interior portions of the front and back walls and the side walls form a downwardly sloped inward chamfer at about a 15° angle and extending from the top of the cuvette downwardly a distance approximately equal to the thickness of the walls.

7. (currently amended) The cuvette of claim 1 further comprising generally flat, elongate rectangle-shaped ledges formed at the open top and in the region of opening extending outwardly from each of the side walls and including an upwardly protruding latching bulge ~~is~~ formed in the central region of each ledge.